

1 **ABSTRACT**

2 A flow injection electrochemical detecting device has a base (10), a
3 cover pivotally mounted on the base (10), and a locking device attached
4 between the base (10) and the cover (20). The base (10) has a recess (12)
5 defined in a top to accommodate a working electrode inside the recess (12).
6 An annular trench (28) in a bottom partially receives an O-ring (282) serving
7 as a separator to form a space between the base (10) and the cover (20).
8 Multiple channels are defined through the cover (20) to communicate with
9 the space. Therefore, a flow injection electrochemical detecting device is
10 achieved. By pivotally attaching the cover (20) on the base (10) and using
11 the locking device, the detecting device is easily opened or closed to change
12 the working electrode (50) in a convenient way.